



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Fontana, Jr. et al

Serial No.: 10/054,352

Filed: 01/18/2002

For: HIGH LINEAR DENSITY TUNNEL  
JUNCTION FLUX GUIDE READ HEAD  
WITH IN-STACK LONGITUDINAL  
BIAS STACK (LBS)

Group No.: 2652

Examiner: William Joseph Klimowicz

Docket No. SJO920000114US1

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

AMENDMENT

In response to the Office Action dated 01/30/2004 please amend the application as follows.

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MAR 15 2004

Technology Center 2600

03/12/2004 SHINASS1 00000098 502587 10054352

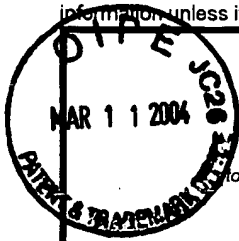
01 FC:1202 108.00 DA  
02 FC:1201 172.00 DA

Please type a plus (+) sign inside this box -

PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/054,352	
	Filing Date	01/18/2002	
	First Named Inventor	Fontana Jr. et al	
	Examiner Name	William Joseph Klimowicz	
	Group Art Unit	2652	
Total Number of Pages in This Submission	18 + postcard	Attorney Docket Number	SJO920000114US1

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response/Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> ( ) cited references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> PTO Form 1533 <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment w/Recordation Sheet <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Drawing Amendment <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>POSTCARD</u> _____ _____
<b>Remarks:</b> <div style="text-align: center;"><h1>RECEIVED</h1><p>MAR 15 2004</p><p>Technology Center 2600</p></div>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,190
Signature	
Date	March 6, 2004

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, V 22313-1450 on this date: <u>March 6, 2004</u>			
Typed or printed name	Ervin F. Johnston		
Signature		Date	March 6, 2004

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§ 1.27 and 1.28**TOTAL AMOUNT OF PAYMENT**(\$)**280.00**

Application Number

Complete If Known

10/054,352

Filing Date

01/18/2002

First Named Inventor

Fontana Jr. et al

Examiner Name

William Joseph Klimowicz

Group / Art Unit

2652

Attorney Docket No.

SJO920000114US1

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

50-2587

Deposit Account Name

Hitachi Global Storage Technologies

- ☒
- Charge Any Additional
- 
- Fee Required Under 37
- 
- CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in  
37 CFR 1.18 at the Mailing  
of the Notice of Allowance.  
37 CFR 1.311(b)

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION**1. **BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$)

101 770 201 385

106 340 206 170

107 530 207 265

108 770 208 385

114 160 214 80

Fee Description

Fee Paid

Utility filing fee

Design filing fee

Plant filing fee

Reissue filing fee

Provisional filing fee

SUBTOTAL (1) (\$)

2. **EXTRA CLAIM FEES**

Extra Fee from

Claims below

Fee Paid

Total Claims 39 - 33\*\* = 64 x 18 = 108.00

Independent

Claims 7 - 5\*\* = 2 x 86 = 172.00

Multiple Dependent Claims x =

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$)

103 18 203 9

102 84 202 42

104 290 204 145

109 86 209 43

110 18 210 9

Fee Description

Claims in excess of 20

Independent claims in excess of 3

Multiple dependent claim

\*\* Reissue independent claims

over original patent

\*\* Reissue claims in excess of 20

and over original patent

SUBTOTAL (2) (\$)**280.00****FEE CALCULATION (continued)**3. **ADDITIONAL FEES**

Large Entity

Small Entity

Fee Fee

Fee Fee

Code (\$) Code (\$)

Code (\$) Code (\$)

105 130

205 65

127 50

227 25

139 130

139 130

147 2,520

147 2,520

112 920

112 920

113 1,840\*

113 1,840\*

115 110

215 55

116 420

216 210

117 950

217 475

118 1,480

218 740

128 2,010

228 1,005

119 330

219 165

120 330

220 165

121 290

221 145

140 110

240 55

141 1,330

241 665

142 1,330

242 665

143 480

243 240

144 640

315 320

122 130

122 130

126 180

126 180

146 770

246 385

179 770

249 385

Fee Description

Fee Paid

Surcharge - late filing fee or oath

Surcharge - late provisional filing or

cover sheet

Non-English specification

Request for reexamination

Requesting publication of SIR prior to

Examiner action

Requesting publication of SIR after

Examiner action

Extension for response within first month

Extension for response within second month

Extension for response within third month

Extension for response within fourth month

Extension for response within fifth month

Notice of Appeal

Filing a brief in support of an appeal

Request for oral hearing

Petition to revive unavoidably abandoned

application

Petition to revive unintentionally

abandoned application

Utility issue fee (or reissue)

Design issue fee

Plant issue fee

Petitions to the Commissioner

Submission of Information Disclosure Stmt

Filing a submission after final rejection

(37 CFR 1.129(a))

Request for continued examination (RCE)

(37 CFR 1.114)

Other fee (specify)

Terminal Disclaimer

Other fee (specify)

Application for Patent Term Adjustment

Other fee (specify)

Certificate of Correction

Other fee (specify)

SUBTOTAL (3) (\$)

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MAR 15 2004

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\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name

Ervin E. Johnston

Signature

**COMPLETE (if applicable)**

Reg. Number

20,190

Date

March 6, 2004